TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-130378-1
Client Project/Site: GKM - Region 8 (LTM)

For:
Weston Solutions, Inc.
1435 Garrison Street
Suite 100
Lakewood, Colorado 80215

Attn: Jeff Bryniarski

Authorized for release by:
10/12/2016 4:19:45 PM

Sheila Hoffman, Project Manager II
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Method Summary

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-130378-1	Bakers Bridge_FB_092916	Water	09/29/16 08:15	09/30/16 09:54
680-130378-2	9426_092616	Water	09/29/16 13:25	09/30/16 09:54
680-130378-3	Bakers Bridge_092916	Water	09/29/16 08:15	09/30/16 09:54
680-130378-4	SJAR_092716	Water	09/27/16 11:05	09/30/16 09:54
680-130378-5	SJFP_092816	Water	09/28/16 10:50	09/30/16 09:54
680-130378-6	SJLP_092716	Water	09/27/16 15:45	09/30/16 09:54
680-130378-7	SJSR_092816	Water	09/28/16 14:15	09/30/16 09:54

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 680-130378-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: GKM - Region 8 (LTM)

Report Number: 680-130378-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 09/30/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 18.4 C.

LOW LEVEL MERCURY
Samples Bakers Bridge_FB_092916 (680-130378-1), 9426_092616 (680-130378-2), Bakers Bridge_092916 (680-130378-3), SJAR_092716 (680-130378-4), SJFP_092816 (680-130378-5), SJLP_092716 (680-130378-6) and SJSR_092816 (680-130378-7) were analyzed for Low Level Mercury in accordance with EPA Method 1631E. The samples were prepared on 10/02/2016 and analyzed on 10/05/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LOW LEVEL MERCURY
Samples Bakers Bridge_FB_092916 (680-130378-1), 9426_092616 (680-130378-2), Bakers Bridge_092916 (680-130378-3), SJAR_092716 (680-130378-4), SJFP_092816 (680-130378-5), SJLP_092716 (680-130378-6) and SJSR_092816 (680-130378-7) were analyzed for Low Level Mercury in accordance with EPA Method 1631. The samples were prepared on 10/02/2016 and analyzed on 10/05/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Client Sample ID: Bakers Bridge_FB_092916

Lab Sample ID: 680-130378-1
Date Collected: 09/29/16 08:15
Matrix: Water
Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 11:33	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:07	1

Client Sample ID: 9426_092616

Lab Sample ID: 680-130378-2
Date Collected: 09/29/16 13:25
Matrix: Water
Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.44	J	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 11:42	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:16	1

Client Sample ID: Bakers Bridge_092916

Lab Sample ID: 680-130378-3
Date Collected: 09/29/16 08:15
Matrix: Water
Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.87		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 11:50	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.71		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 14:15	1

Client Sample ID: SJAR_092716

Lab Sample ID: 680-130378-4
Date Collected: 09/27/16 11:05
Matrix: Water
Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	5.3		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 12:34	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.42	J	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:24	1

Client Sample ID: SJFP_092816

Lab Sample ID: 680-130378-5
Date Collected: 09/28/16 10:50
Matrix: Water
Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.5		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 12:42	1

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Client Sample ID: SJFP_092816

Lab Sample ID: 680-130378-5

Date Collected: 09/28/16 10:50

Matrix: Water

Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.42	J	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:32	1

Client Sample ID: SJLP_092716

Lab Sample ID: 680-130378-6

Date Collected: 09/27/16 15:45

Matrix: Water

Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.0		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 12:51	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34	J	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:41	1

Client Sample ID: SJSR_092816

Lab Sample ID: 680-130378-7

Date Collected: 09/28/16 14:15

Matrix: Water

Date Received: 09/30/16 09:54

Method: 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.1		0.50	0.20	ng/L		10/02/16 14:00	10/05/16 12:59	1

Method: 1631E - Mercury, Low Level (CVAFS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31	J	0.50	0.20	ng/L		10/02/16 14:00	10/05/16 13:49	1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 400-325478/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.50	0.20	ng/L		10/05/16 10:41	10/05/16 11:08	1

Lab Sample ID: LCS 400-325478/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	5.49		ng/L		110	79 - 121

Lab Sample ID: LCSD 400-325478/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	5.00	5.37		ng/L		107	79 - 121	2	20

Lab Sample ID: 680-130378-3 MS — **Client Sample ID: Bakers Bridge_092916**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.87		2.50	3.68		ng/L		112	71 - 125

Lab Sample ID: 680-130378-3 MSD — **Client Sample ID: Bakers Bridge_092916**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.87		2.50	3.74		ng/L		115	71 - 125	2	24

Lab Sample ID: 680-130378-3 MS — **Client Sample ID: Bakers Bridge_092916**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.71		2.50	3.44		ng/L		109	71 - 125

Lab Sample ID: 680-130378-3 MSD — **Client Sample ID: Bakers Bridge_092916**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 325534 — **Prep Batch: 325478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.71		2.50	3.41		ng/L		108	71 - 125	1	24

Metals

Prep Batch: 325478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-130378-1	Bakers Bridge_FB_092916	Dissolved	Water	1631E	
680-130378-1	Bakers Bridge_FB_092916	Total/NA	Water	1631E	
680-130378-2	9426_092616	Dissolved	Water	1631E	
680-130378-2	9426_092616	Total/NA	Water	1631E	
680-130378-3	Bakers Bridge_092916	Dissolved	Water	1631E	
680-130378-3	Bakers Bridge_092916	Total/NA	Water	1631E	
680-130378-4	SJAR_092716	Dissolved	Water	1631E	
680-130378-4	SJAR_092716	Total/NA	Water	1631E	
680-130378-5	SJFP_092816	Dissolved	Water	1631E	
680-130378-5	SJFP_092816	Total/NA	Water	1631E	
680-130378-6	SJLP_092716	Dissolved	Water	1631E	
680-130378-6	SJLP_092716	Total/NA	Water	1631E	
680-130378-7	SJSR_092816	Dissolved	Water	1631E	
680-130378-7	SJSR_092816	Total/NA	Water	1631E	
MB 400-325478/1-A	Method Blank	Total/NA	Water	1631E	
LCS 400-325478/2-A	Lab Control Sample	Total/NA	Water	1631E	
LCSD 400-325478/3-A	Lab Control Sample Dup	Total/NA	Water	1631E	
680-130378-3 MS	Bakers Bridge_092916	Dissolved	Water	1631E	
680-130378-3 MS	Bakers Bridge_092916	Total/NA	Water	1631E	
680-130378-3 MSD	Bakers Bridge_092916	Dissolved	Water	1631E	
680-130378-3 MSD	Bakers Bridge_092916	Total/NA	Water	1631E	

Analysis Batch: 325534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-130378-1	Bakers Bridge_FB_092916	Dissolved	Water	1631E	325478
680-130378-1	Bakers Bridge_FB_092916	Total/NA	Water	1631E	325478
680-130378-2	9426_092616	Dissolved	Water	1631E	325478
680-130378-2	9426_092616	Total/NA	Water	1631E	325478
680-130378-3	Bakers Bridge_092916	Dissolved	Water	1631E	325478
680-130378-3	Bakers Bridge_092916	Total/NA	Water	1631E	325478
680-130378-4	SJAR_092716	Dissolved	Water	1631E	325478
680-130378-4	SJAR_092716	Total/NA	Water	1631E	325478
680-130378-5	SJFP_092816	Dissolved	Water	1631E	325478
680-130378-5	SJFP_092816	Total/NA	Water	1631E	325478
680-130378-6	SJLP_092716	Dissolved	Water	1631E	325478
680-130378-6	SJLP_092716	Total/NA	Water	1631E	325478
680-130378-7	SJSR_092816	Dissolved	Water	1631E	325478
680-130378-7	SJSR_092816	Total/NA	Water	1631E	325478
MB 400-325478/1-A	Method Blank	Total/NA	Water	1631E	325478
LCS 400-325478/2-A	Lab Control Sample	Total/NA	Water	1631E	325478
LCSD 400-325478/3-A	Lab Control Sample Dup	Total/NA	Water	1631E	325478
680-130378-3 MS	Bakers Bridge_092916	Dissolved	Water	1631E	325478
680-130378-3 MS	Bakers Bridge_092916	Total/NA	Water	1631E	325478
680-130378-3 MSD	Bakers Bridge_092916	Dissolved	Water	1631E	325478
680-130378-3 MSD	Bakers Bridge_092916	Total/NA	Water	1631E	325478

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Client Sample ID: Bakers Bridge_FB_092916

Lab Sample ID: 680-130378-1

Date Collected: 09/29/16 08:15

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:07	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 11:33	VLC	TAL PEN
	Instrument ID: HYDRA									

Client Sample ID: 9426_092616

Lab Sample ID: 680-130378-2

Date Collected: 09/29/16 13:25

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:16	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 11:42	VLC	TAL PEN
	Instrument ID: HYDRA									

Client Sample ID: Bakers Bridge_092916

Lab Sample ID: 680-130378-3

Date Collected: 09/29/16 08:15

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 14:15	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 11:50	VLC	TAL PEN
	Instrument ID: HYDRA									

Client Sample ID: SJAR_092716

Lab Sample ID: 680-130378-4

Date Collected: 09/27/16 11:05

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:24	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 12:34	VLC	TAL PEN
	Instrument ID: HYDRA									

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Client Sample ID: SJFP_092816

Lab Sample ID: 680-130378-5

Date Collected: 09/28/16 10:50

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:32	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 12:42	VLC	TAL PEN
	Instrument ID: HYDRA									

Client Sample ID: SJLP_092716

Lab Sample ID: 680-130378-6

Date Collected: 09/27/16 15:45

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:41	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 12:51	VLC	TAL PEN
	Instrument ID: HYDRA									

Client Sample ID: SJSR_092816

Lab Sample ID: 680-130378-7

Date Collected: 09/28/16 14:15

Matrix: Water

Date Received: 09/30/16 09:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Dissolved	Analysis	1631E		1			325534	10/05/16 13:49	VLC	TAL PEN
	Instrument ID: HYDRA									
Total/NA	Prep	1631E			40 mL	40 mL	325478	10/02/16 14:00	VLC	TAL PEN
Total/NA	Analysis	1631E		1			325534	10/05/16 12:59	VLC	TAL PEN
	Instrument ID: HYDRA									

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

USEPA
DateShipped: 9/29/2016
CarrierName: FedEx

Gold King Mine Long Term Monitoring
Site #: N/A
Contact Name: Jeff Bryniarski
Contact Phone: 708-284-2490

No: 8-092916-143451-0012

Lab: Test America - Pensacola
Lab Phone: 850-474-1001

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	Bakers Bridge_FB_092916	Dissolved Hg	Surface Water	9/29/2016	08:15	3	40 mL Glass	None	Y
	Bakers Bridge_FB_092916	Total Hg	Surface Water	9/29/2016	08:15	3	40 mL Glass	None	Y
	9426_092916	Total Hg	Surface Water	9/29/2016	13:25	3	40 mL glass	None	N
	9426_092916	Dissolved Hg	Surface Water	9/29/2016	13:25	3	40 mL glass	None	N
	Bakers Bridge_092916	Total Hg	Surface Water	9/29/2016	08:15	5	40 mL Glass	None	Y
	Bakers Bridge_092916	Dissolved Hg	Surface Water	9/29/2016	08:15	5	40 mL Glass	None	Y

Special Instructions: Please send all results to jeff.bryniarski@westonsolutions.com. 10 day turnaround time.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SHIPPING		9/29/16 15:30		9.30.16 9:54	

18.4°c IR5 680-130328

USEPA
DateShipped: 9/29/2016
CarrierName: FedEx

Gold King Mine Long Term Monitoring
Site #: N/A
Contact Name: Jeff Bryniarski
Contact Phone: 708-284-2490

No: 8-092916-124237-0019

Lab: Test America - Pensacola
Lab Phone: 850-474-1001

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	SJAR_092716	Total Hg	Surface Water	9/27/2016	11:05	3	40 mL Glass	None	N
	SJAR_092716	Dissolved Hg	Surface Water	9/27/2016	11:05	3	40 mL Glass	None	N
	SJFP_092816	Total Hg	Surface Water	9/28/2016	10:50	3	40 mL Glass	None	N
	SJFP_092816	Dissolved Hg	Surface Water	9/28/2016	10:50	3	40 mL Glass	None	N
	SJLP_092716	Total Hg	Surface Water	9/27/2016	15:45	3	40 mL Glass	None	N
	SJLP_092716	Dissolved Hg	Surface Water	9/27/2016	15:45	3	40 mL Glass	None	N
	SJSR_092816	Total Hg	Surface Water	9/28/2016	14:15	3	40 mL Glass	None	N
	SJSR_092816	Dissolved Hg	Surface Water	9/28/2016	14:15	3	40 mL Glass	None	N

Special Instructions: Please send all results to jeff.bryniarski@westonsolutions.com. 10 day turnaround time.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SHIPPING		9/29/16 16:00		9.30.16 9:54	

18.4°C IR5 680-130378

USEPA
DateShipped: 9/29/2016
CarrierName: FedEx

Gold King Mine Long Term Monitoring
Site #: N/A
Contact Name: Jeff Bryniarski
Contact Phone: 708-284-2490

680-130378 COC

No: 8-092916-143451-0012

Lab: Test America - Pensacola
Lab Phone: 850-474-1001

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	Bakers Bridge_FB_092916	Dissolved Hg	Surface Water	9/29/2016	08:15	3	40 mL Glass	None	Y
	Bakers Bridge_FB_092916	Total Hg	Surface Water	9/29/2016	08:15	3	40 mL Glass	None	Y
	9426_092916	Total Hg	Surface Water	9/29/2016	13:25	3	40 mL glass	None	N
	9426_092916	Dissolved Hg	Surface Water	9/29/2016	13:25	3	40 mL glass	None	N
	Bakers Bridge_092916	Total Hg	Surface Water	9/29/2016	08:15	5	40 mL Glass	None	Y
	Bakers Bridge_092916	Dissolved Hg	Surface Water	9/29/2016	08:15	5	40 mL Glass	None	Y

Special Instructions: Please send all results to jeff.bryniarski@westonsolutions.com. 10 day turnaround time.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SHIPPING		9/29/16 15:30		9.30.16 9:54	

18.4°C IR5

USEPA
DateShipped: 9/29/2016
CarrierName: FedEx

Gold King Mine Long Term Monitoring
Site #: N/A
Contact Name: Jeff Bryniarski
Contact Phone: 708-284-2490

No: 8-092916-124237-0019

Lab: Test America - Pensacola
Lab Phone: 850-474-1001

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	SJAR_092716	Total Hg	Surface Water	9/27/2016	11:05	3	40 mL Glass	None	N
	SJAR_092716	Dissolved Hg	Surface Water	9/27/2016	11:05	3	40 mL Glass	None	N
	SJFP_092816	Total Hg	Surface Water	9/28/2016	10:50	3	40 mL Glass	None	N
	SJFP_092816	Dissolved Hg	Surface Water	9/28/2016	10:50	3	40 mL Glass	None	N
	SJLP_092716	Total Hg	Surface Water	9/27/2016	15:45	3	40 mL Glass	None	N
	SJLP_092716	Dissolved Hg	Surface Water	9/27/2016	15:45	3	40 mL Glass	None	N
	SJSR_092816	Total Hg	Surface Water	9/28/2016	14:15	3	40 mL Glass	None	N
	SJSR_092816	Dissolved Hg	Surface Water	9/28/2016	14:15	3	40 mL Glass	None	N

Special Instructions: Please send all results to jeff.bryniarski@westonsolutions.com. 10 day turnaround time.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SHIPPING		9/29/16 16:00		9.30.16 9:54	

18.4° C IR5

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-130378-1

Login Number: 130378

List Number: 1

Creator: Daughtry, Beth A

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-130378-1

Login Number: 130378
List Number: 2
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/30/16 07:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	18.4°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: GKM - Region 8 (LTM)

TestAmerica Job ID: 680-130378-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-16

Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-17
Arizona	State Program	9	AZ0710	01-11-17
Arkansas DEQ	State Program	6	88-0689	09-01-17
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-17
Georgia	State Program	4	N/A	06-30-17
Illinois	NELAP	5	200041	10-09-17
Iowa	State Program	7	367	07-31-16 *
Kansas	NELAP	7	E-10253	10-31-17
Kentucky (UST)	State Program	4	53	06-30-17
Kentucky (WW)	State Program	4	98030	12-31-16
Louisiana	NELAP	6	30976	06-30-17
Maryland	State Program	3	233	09-30-17
Massachusetts	State Program	1	M-FL094	06-30-17
Michigan	State Program	5	9912	05-06-17
New Jersey	NELAP	2	FL006	06-30-17
North Carolina (WW/SW)	State Program	4	314	12-31-16
Oklahoma	State Program	6	9810	08-31-17
Pennsylvania	NELAP	3	68-00467	01-31-17
Rhode Island	State Program	1	LAO00307	12-30-16
South Carolina	State Program	4	96026	06-30-16 *
Tennessee	State Program	4	TN02907	06-30-17
Texas	NELAP	6	T104704286-16-10	09-30-17
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-17
Washington	State Program	10	C915	05-15-17
West Virginia DEP	State Program	3	136	06-30-17

* Certification renewal pending - certification considered valid.